

In-Sang Yang

List of Publications by Year in descending order

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papers

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687363

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36
all docs

36
docs citations

36
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814
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Spectroscopy of Tetragonal Zirconia Solid Solutions. <i>Journal of the American Ceramic Society</i> , 1993, 76, 2106-2108.	3.8	123
2	Temperature-dependent Raman scattering study of multiferroic $MnWO_4$. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1005-1010.	2.5	57
3	Two-magnon scattering in the 5d all-in-all-out pyrochlore magnet $Cd_2Os_2O_7$. <i>Nature Communications</i> , 2017, 8, 251.	12.8	32
4	Spectroscopic ellipsometry and Raman study of fluorinated nanocrystalline carbon thin films. <i>Journal of Applied Physics</i> , 2001, 90, 813-818.	2.5	31
5	Raman studies of spin-phonon coupling in hexagonal $BaFe_2O_9$. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	28
6	Raman spectroscopic study of various types of tourmalines. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1442-1446.	2.5	24
7	Raman scattering studies of spin-waves in hexagonal $BaFe_{12}O_{19}$. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 2020-2024.	2.5	21
8	Raman spectroscopy of Cu doping in $Zn_{1-x}Co_xO$ diluted magnetic semiconductor. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1535-1538.	2.5	20
9	Raman scattering studies of the magnetic ordering in hexagonal $HoMnO_3$ thin films. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 983-988.	2.5	19
10	Raman Spectroscopy Analysis of Free Fatty Acid in Olive Oil. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4510.	2.5	17
11	Study of spin-ordering and spin-reorientation transitions in hexagonal manganites through Raman spectroscopy. <i>Scientific Reports</i> , 2015, 5, 13366.	3.3	16
12	Raman spectroscopic evidence of impurity-induced structural distortion in SmB_6 . <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1661-1671.	2.5	16
13	Raman scattering studies of hexagonal rare-earth $RMnO_3$ ($R = Tb, Dy, Ho, Er$) thin films. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1774-1779.	2.5	14
14	Resonant A ₁ phonon and four-magnon Raman scattering in hexagonal $HoMnO_3$ thin film. <i>New Journal of Physics</i> , 2010, 12, 073046.	2.9	13
15	Raman scattering study of calcium hexaboride. <i>Vibrational Spectroscopy</i> , 2006, 42, 288-291.	2.2	12
16	In-situ Raman spectroscopy of current-carrying graphene microbridge. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 168-172.	2.5	11
17	Structural evolution of graphene in air at the electrical breakdown limit. <i>Carbon</i> , 2016, 99, 466-471.	10.3	11
18	Raman Spectroscopy and 2DCOS Analysis of Unsaturated Fatty Acid in Edible Vegetable Oils. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2807.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Optimization of Nd _{1-x} Ba _{2x} Cu _{3O7} thin-film growth conditions using micro-Raman spectroscopy. Superconductor Science and Technology, 2006, 19, 102-107.	3.5	10
20	Spin exchange interactions in hexagonal manganites RMnO ₃ (R = Tb, Dy, Ho, Er) epitaxial thin films. Applied Physics Letters, 2011, 99, .	3.3	9
21	Local symmetry breaking in Eu _{1-x} La _x B ₆ . Journal of Magnetism and Magnetic Materials, 2007, 310, 1019-1020.	2.3	6
22	Anomalous Behaviors of Spin Waves Studied by Inelastic Light Scattering. Crystals, 2019, 9, 357.	2.2	6
23	TWO-DIMENSIONAL CORRELATION ANALYSIS OF SUPERCONDUCTING YNi ₂ B ₂ C RAMAN SPECTRA. International Journal of Modern Physics B, 2005, 19, 281-284.	2.0	5
24	Soft x-ray absorption spectroscopy study of Prussian blue analogue ACo[Fe(CN) ₆]H ₂ O nano-particles (A=Na, K). Journal of the Korean Physical Society, 2013, 62, 1910-1913.	0.7	5
25	Raman study on the effects of annealing atmosphere of patterned graphene. Journal of Raman Spectroscopy, 2018, 49, 183-188.	2.5	5
26	Study of spin-phonon coupling in LiFe _{1-x} Mn _x PO ₄ olivines. Journal of Raman Spectroscopy, 2015, 46, 1161-1165.	2.5	4
27	Spin wave and spin flip in hexagonal LuMnO ₃ single crystal. Applied Physics Letters, 2017, 110, 122405.	3.3	4
28	Topological Magnon Band Crossing in Y_2O_7 . Physical Review Letters, 2021, 127, 267203.	7.8	4
29	Resonance Raman Study of $\text{h}_{1,2}$ -Intercalated Single-Walled Carbon Nanotubes. IEEE Nanotechnology Magazine, 2007, 6, 126-129.	2.0	3
30	Localized spin-flip excitations in hexagonal HoMnO ₃ . Journal of Raman Spectroscopy, 2020, 51, 2298-2304.	2.5	3
31	Structural symmetry changes in SmB ₆ - 2D correlation spectroscopy and principal component analysis. Journal of Molecular Structure, 2018, 1165, 84-89.	3.6	2
32	Angularly quantized spin rotations in hexagonal LuMnO ₃ . Scientific Reports, 2022, 12, 2424.	3.3	2
33	Temperature dependent Raman spectroscopic study of SrTi _{0.9} M _{0.1} O ₃ (M=Fe, Co, Ni) nanoparticles. , 2010, , .		0
34	Raman mapping study of the pigments in the dancheong of Korean traditional buildings. Journal of the Korean Physical Society, 2017, 70, 796-801.	0.7	0